PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| Ī | Attorney Docket No. | F108.P1C1.US | | | | |
|---|------------------------|--------------------------------|--|--|--|--|
| | First Inventor | Chou, et al. | | | | |
| | Title | MICROFLUIDIC PARTICLE-ANALYSIS | | | | |
| | Express Mail Label No. | EU721975965US (5 | | | | |

| | | | | | | -814 | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------|-----------------|--|--|--|
| | ATION ELEMENTS oncerning utility patent application contents. | ADDRES | SS TO: Comm | Stop Patent A nissioner for Box 1450 ndria, VA 223 | Patents | 2 | | | |
| 1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. X Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 163] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 87] 5. Oath or Declaration [Total Sheets 1] a. X Unexecuted b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 | | | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations 13. Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. (Should be specifically itemized) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other: 17. Other: | | | | | | |
| 5b, is considered a part of the d | SIONAL APPS only: The entire disclosure of a disclosure of the accompanying continuation or continuation or continuation or continuation or continuation or continuation or continuation of the continuation | livisional applica | ation and is hereby Incorpo | prated by refe | rence. | r Box | | | |
| | 19. CORRESPO | • | | | | | | | |
| X Customer Number: 35341 OR Correspondence address below | | | | | | | | | |
| Name | | | | | | | | | |
| Addman | | | . — | | | | | | |
| Address City | | State | Zi | ip Code | | | | | |
| Country | Te | ephone | | Fax | | | | | |
| Name (Print/type) | Gregory Hejnkel | Registration | No. (Attorney/Agent) | 44,755 | | | | | |
| Signature | 4///- | | | Date | December 11, 20 | 003 | | | |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

X Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

/\$\ 1069

| espond to a conection of anotherent entess it especys a valid onto control frames. | | | | | | |
|------------------------------------------------------------------------------------|-------------------|--|--|--|--|--|
| Complete if Known | | | | | | |
| Application Number | TBD | | | | | |
| Filing Date | December 11, 2003 | | | | | |
| First Named Inventor | Chou, et al. | | | | | |
| Examiner Name | TBD | | | | | |
| Art Unit | TBD | | | | | |
| Attomey Docket No. | F108 P1C1 US | | | | | |

| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) | | | | | |
|--------------------------------------------------------------------------|-----------------------------|----------------|--------------|-----------|----------------------------------------------------------------------------|---|
| Check Credit card Money Other None | | | | | | |
| | l arne Fee | Fee Fee | Small Fee | Fee Fee | Fee Description Fee Paid | |
| X Deposit Account | Code 1051 | (2) | Code | (\$) | | ı |
| Deposit Account Number | | 130 | 2051 | 65 | Surcharge – late filing fee or oath | П |
| Deposit Fluidigm Corporation | 1052 | 50 | 2052 | 25 | Surcharge – late provisional filing fee or | П |
| Account Name | 1032 | 00 | | | cover sheet | П |
| The Director is authorized to: (check all that apply) | 1053 | 130 | 1053 | 130 | Non-English specification | П |
| X Charge fee(s) indicated below X Credit any overpayments | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| Charge any additional fee(s) or any underpayment of fee(s) | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to | |
| Charge fee(s) indicated below, except for the filing fee | 1805 | 1.840* | 1805 | 1.840* | Requesting publication of SIR after | П |
| to the above-identified deposit account. | | 1,010 | '''' | ., | Examiner action | |
| FEE CALCULATION | 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1. BASIC FILING FEE | 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| Large Entity Small Entity | 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| Fee Fee Fee Fee Description Fee Paid | 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1001 770 2001 385 Utility filing fee 385 | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1002 340 2002 170 Design filing fee | 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1003 530 2003 265 Plant filing fee | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1004 770 2004 385 Reissue filing fee | 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1005 160 2005 80 Provisional filing fee | | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| | 1452 | 110 | 2452 | 55 665 | Petition to revive – unavoidable Petition to revive – unintentional | 1 |
| SUBTOTAL (1) (\$) 385 | 1453 1501 | 1,330 1,330 | 2453 | 665 | Utility issue fee (or reissue) | 1 |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | | , i | | | · · · · · · · · · · · · · · · · · · · | 1 |
| Extra Claims below Fee Pale | _ | 480 | 2502 | 240 | Design issue fee | 1 |
| Total Claims 96 -20**= 76 x 9 = 684 | | 640 | 2503 | 320 | Plant issue fee | |
| Independent 3 - 3**= 0 X 0 = (| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |] |
| Multiple Dependent | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| Large Entity Small Entity | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| Fee Fee Fee Fee Description Code (\$) Code (\$) | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1202 18 2202 9 Claims in excess of 20 | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection | |
| 1202 10 2202 0 0141110 11 0,0000 01 20 | | | | | (37 CFR 1.129(a)) | 1 |
| 1201 86 2201 43 Independent claims in excess of 3 | 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1203 290 2203 145 Multiple dependent daim, if not paid | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1204 86 2204 43 **Reissue independent claims over original patent | | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent | | | • | | | |
| SUBTOTAL (2) (\$)684 | Other | fee (spe | cify) | | | |
| ** or number previously paid, if greater, For Reissues, see above | •Redu | ced by Bas | sic Filing | Fee Paid | SUBTOTAL (3) (\$) | |
| · · · · · · · · · · · · · · · · · · · | | | | | Complete (familiashia) | = |

| SUBMITTED BY | Complete (if applicable) | | | | |
|-------------------|--------------------------|--------------------------------------|-------|-----------|---------------|
| Name (Print/Type) | Gregøry Hejakel | Registration No. (Attorney/Agent) | 44755 | Telephone | 650.266.6036 |
| Signature | 3/// | | | Date | Dec. 11, 2003 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.